

CLAIMS

1. An appliance for mechanical sealing of hollow
5 hoses (2) of elastic material with a sealing means (3)
which is made of plastically deformable material and
which is applied to the hose, said appliance (1) having
two jaws (8, 9), which are movable towards and away from
each other and which, when moving towards each other,
10 crimp the sealing means (3) against the hose (2) to seal
the same, characterised in that the sealing
means (3) has the form of a sleeve (4) which is slipped
on to the hose (2), that at least one of the jaws (8 or
9) has at least one bar (11) which projects towards the
15 other jaw (9 or 8) and which, when the jaws (8, 9) are
moving towards each other, makes an indentation (12) in
the sleeve (4) and the hose (2) to reinforce the sealing
thereof as well as the fixing of the sleeve on the hose,
and that at least one of the jaws (8 or 9) has a cutting
20 means (13), which projects towards the other jaw (9 or 8)
and which, when the jaws (8, 9) are moving towards each
other, makes a cutting indication (14) in the sleeve (4)
and the hose (2) to allow a sealing cutting of the hose
(2).

25 2. An appliance according to claim 1, characterised
in that there are at least two straight
bars (11) which are arranged substantially in parallel
at a distance from each other and extend substantially
transversely of the longitudinal direction of the sleeve
30 (4) to make a corresponding number of substantially
transverse indentations (12) in the sleeve (4) and the
hose (2), and that the cutting means (13) extends sub-
stantially transversely of the longitudinal direction of
the sleeve (4) and makes a substantially transverse cut-
35 ting indication (14) in the sleeve (4) and the hose (2).

Sub B' 13. An appliance according to claim 1 or 2, characterised
in that the cutting means (13) has the

form of a substantially straight/cutting edge (15), which projects to a greater extent than the bar/bars (11).

4. An appliance according to claim 3, c h a r a c -
t e r i s e d in that the cutting edge (15) co-operates
5 with an opposite recess (16) in the other jaw (9 or 8).

5. An appliance according to claim 3 ~~or 4~~, c h a r -
a c t e r i s e d in that the cutting edge (15) is situated
substantially half-way between two adjacent bars (11).

Sub B2 6. An appliance according to claim 3 ~~or 4~~, c h a r -
15 a c t e r i s e d in that the cutting edge (15) is situated
on one side of the bar/bars (11).

7. An appliance according to ~~any one of the pre-~~
claim 1 ~~ceding claims~~, c h a r a c t e r i s e d in that at least
one of the jaws (8 or 9) has a fixture (17) to position
15 the sleeve (4) and the hose (2) between the jaws (8, 9).

Sub B3 8. An appliance according to ~~any one of the preced-~~
claim 1 ~~ing claims~~, c h a r a c t e r i s e d in that the
bar/bars (11) and the cutting edge (15) are situated on
one jaw (8), and that the fixture (17) is situated on the
20 other jaw (9), the bar/bars, the cutting edge and the
fixture being mounted on or being made in one piece with
the associated jaw.

9. An appliance according to claim 8, c h a r a c -
t e r i s e d in that the jaw (8) provided with the
25 bar/bars (11) and the cutting edge (15) has the form of a
die, which is fixedly mounted in the appliance (1), and
that the jaw (9) provided with the fixture (17) has the
form of a punch, which is movably arranged in the appli-
ance (1) and actuatable by a driving means (10).

30 10. An appliance according to claim 9, c h a r -
a c t e r i s e d in that it has the form of a pair of
tongs (5) which is hand-operated and has one fixed and
one movable leg (6, 7), the movable leg (7) actuating the
jaw (9) forming the punch by means of a gear device,
35 preferably an eccentric mechanism or the like, forming
the driving means (10).

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C-2